

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 55-156770

(43)Date of publication of application : 06.12.1980

(51)Int.Cl.

B62D 55/18

(21)Application number : 54-064034

(71)Applicant : YAMAHA MOTOR CO LTD

(22)Date of filing : 25.05.1979

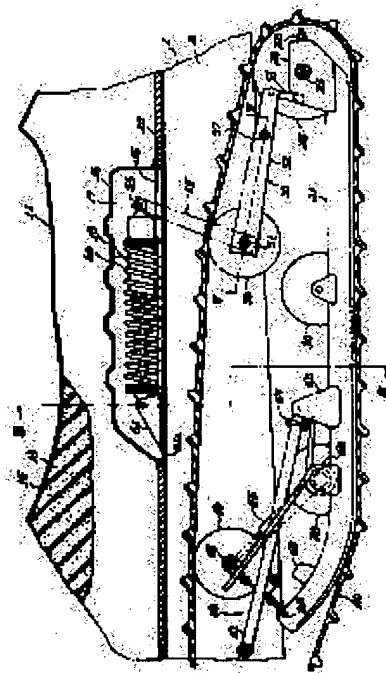
(72)Inventor : YOSHIDA KEISUKE

### (54) SMALL SIZE SNOWMOBILE

#### (57)Abstract:

**PURPOSE:** To provide a small size snowmobile which can provide a greater extent of dipping and heaving of a track thereof by constituting the snowmobile to be disposed with a shock absorber in a forward and rearward direction of a frame, and a slide rail with a downwardly returning tendency through a link mechanism.

**CONSTITUTION:** A slide rail 21 which guides a track 20 is mounted on a frame 1 for dipping and heaving by means of a front link mechanism 40 and a rear link mechanism 50. The front link mechanism 40 includes an arm 41 pivotally supported by the frame 1. The arm 41 is pivotally mounted on the slide rail 21. Besides, between a suspension wheel 29 provided on the slide rail and an idler wheel 49 provided between the frame 1, there is provided a spring 46 which spaces both wheels in the vertical direction. A shock absorber of the rear link mechanism 50 includes a spring 60 provided on the frame 1 and urges an idler wheel 56 into contact with the track 20.



### LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than  
the examiner's decision of rejection or  
application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office